ABSTRACT

A high speed color video printer for printing video signals representative of color images including a data converter comprising an internal memory storing one frame of video data representative of color images in rows and columns, for reading and writing each column of video data stored in the internal memory into a single line memory during vertical synchronization and equalization pulse intervals in each field period and enabling printing each column of video data stored in the line memory during remaining intervals of each field period. With the use of the data converter, columns of video data for each field period can be read and printed much quicker than the currently available video printers. The high speed color printer also includes a video monitor capable of enabling visual display of video data sequentially read from the internal memory in rows during the remaining intervals of each field period when the stored column unit of video data is being printed.